

Patent Abstracts of Japan

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APPLICANT : SNOW BRAND MILK PROD CO LTD;

INVENTOR : KAWAI NOBUYUKI;

INT.CL. : A23C 9/13

TITLE : COMPOSITION FOR IMPROVING TASTE AND FLAVOR OF FERMENTED MILK

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject composition capable of improving the taste and flavor of fermented milk by including amino acids consisting of L-glutamic acid, L-leucine, DL- or L-alanine, L-serine, L-arginine, L-tyrosine, L-phenylalanine, L-histidine and DL- or L-methionine within respectively specific composition ranges.

SOLUTION: The objective composition contains amino acids consisting of 0.48-12.00 g of L-glutamic acid, 0.05-14.75 g of L-leucine, 0.07-14.38 g of DL- or L-alanine, 0.02-27.41 g of L-serine, 0.00-12.56 g of L-arginine, 0.00-6.03 g of L-tyrosine, 0.00-5.24 g of L-phenylalanine, 0.02-3.94 g of L-histidine and 0.00-3.69 g of DL- or L-methionine respectively per 100 g of the composition. A fermented milk having improved taste and flavor can be produced by adding 0.54-81.92 mg of the above composition to 100 g of a fermented milk.

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PA - (SNOW) SNOW BRAND MILK PROD CO LTD

PN - JP10327751 A 19981215 DW199909 A23C9/13 007pp

PR - JP19970098171 19970331

XA - C1999-029433

XIC - A23C-009/13

AB - J10327751 Composition contains (in g/100g): L-glutamic acid (0.48-12.00), L-leucine (0.05-14.75), DL-or L-alanine (0.07-14.38), L-serine (0.02-27.41), L-arginine (0.00-12.56), L-tyrosine (0.00-6.03), L-phenyl alanine (0.00-5.24), L-histidine (0.02-3.94) and DL- or L-methionine (0.00-3.69).

- USE - The composition is used in fermented milk in an amount of 0.54-81.9 mg/100 g to improve the flavour.

- (Dwg.0/0)

IW - COMPOSITION IMPROVE FLAVOUR FERMENTATION MILK CONTAIN GLUTAMIC ACID
LEUCINE DL ALANINE SERINE ARGININE TYROSINE PHENYL ALANINE HISTIDINE
DL METHIONINE

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LEUCINE DL ALANINE SERINE ARGININE TYROSINE PHENYL ALANINE HISTIDINE
DL METHIONINE

NC - 001

OPD - 1997-03-31

ORD - 1998-12-15

PAW - (SNOW) SNOW BRAND MILK PROD CO LTD

TI - Composition for improving flavour of fermented milk - contains
L-glutamic acid, L-leucine, DL-or L-alanine, L-serine, L-arginine,
L-tyrosine, L-phenyl alanine L-histidine and DL- or L- methionine